

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
)  
MacKay et al. ) Group Art Unit: 1644  
)  
Serial No.: 10/045,574 ) Examiner: Haddad, Maher M.  
)  
Filed: November 7, 2001 )  
)  
For: BAFF, INHIBITORS THEREOF )  
AND THEIR USE IN THE )  
MODULATION OF B-CELL )  
RESPONSE AND TREATMENT )  
OF AUTOIMMUNE DISORDERS )

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO OFFICE ACTION**

This is a reply to the Office Action mailed July 2, 2003.

Amendments to the **Specification** begin on page 2 of this paper.

Amendments to the **Sequence Listing** begin on page 4 of this paper.

Amendments to the **Drawings** begin on page 5 of this paper.

Amendments to the **Claims** begin on page 6 of this paper.

**Remarks** begin on page 9 of this paper.

**Attachments** to this Response include:

1. Replacement sheets for drawings;
2. Substitute Sequence Listing (paper and disk);
3. Statement under 37 C.F.R. § 1.821(f);
4. Declaration of Leslie A. McDonell under *In re Hawkins*;
5. Declaration of Susan Kalled under 37 C.F.R. § 1.132;
6. Thompson et al. (2001) Science, 293:2108, incl. Suppl. Materials;
7. Mariette et al. (2003) Ann. Rheum. Dis., 62:168-171;
8. Fersht (1998) Structure and Mechanism in Protein Science, pp. 33-34;
9. Appendices A-B.

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